

SIEVING ERROR: 0.3%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-79-180</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Trimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Fine Gravelly Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 17.1%		COARSE SAND: 9.1%	
MODE 2:	4800.0	-2.243	SAND: 82.0%		MEDIUM SAND: 24.7%	
MODE 3:	1700.0	-0.743	MUD: 1.0%		FINE SAND: 31.3%	
D <sub>10</sub> :	128.4	-1.999			V FINE SAND: 8.1%	
MEDIAN or D <sub>50</sub> :	310.6	1.687	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%	
D <sub>90</sub> :	3996.4	2.962	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	31.13	-1.482	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	3868.1	4.960	FINE GRAVEL: 10.0%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.677	-23.650	V FINE GRAVEL: 7.1%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	884.0	2.505	V COARSE SAND: 8.7%		CLAY: 0.2%	
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	1022.4	444.9	1.168	466.7	1.100	Medium Sand
SORTING ( $\sigma$ ):	1447.6	3.479	1.799	3.478	1.798	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.818	0.374	-0.374	0.439	-0.439	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.915	3.038	3.038	0.906	0.906	Mesokurtic

